

To: Payne, Warren S.[WPayne@mayerbrown.com]; Jackson, Ryan[jackson.ryan@epa.gov]
From: Payne, Warren S.
Sent: Thur 8/31/2017 2:20:37 PM
Subject: Update re Arkema facility in Crosby, Texas

Ryan,

Attached please find a link <http://www.arkema-america.com/en/social-responsibility/incident-page-2/> to the most current information with regard to the status of the Arkema chemical plant in Crosby, Texas. As you can see we are working closely with DHS and local officials to monitor the situation. If you have any questions please do not hesitate to reach out and we can have officials on the phone to brief as necessary.

Thanks.

Warren S. Payne
Senior Policy Advisor
Mayer Brown LLP

P: 202 263 3831
C: 202 821 9870

-----Original Message-----

From: Payne, Warren S.
Sent: Tuesday, August 29, 2017 2:07 PM
To: Jackson.ryan@epa.gov
Subject: Re: Meeting request for the Administrator from Arkema,

Ryan

Wanted to circle back on this request. Knowing time is short if it is helpful for me to get on the phone with you I am happy to do so. My cell is 202 821 9870.

Thanks
Warren

Sent from my iPhone

> On Aug 29, 2017, at 6:39 AM, Payne, Warren S. <WPayne@mayerbrown.com> wrote:

>

> Ryan,

>

> I don't believe we ever met but we have a number of colleagues in common as we overlapped on the Hill. I previously served as Policy Director for the Ways & Means Committee under former Chairman Dave Camp. Currently I serve as an advisor at Mayer Brown and one of our clients is Arkema. Arkema is a major US employer and investor with 19 US facilities and 3,600 US employees (some company background is attached). You may be familiar with Arkema as one of the plaintiffs in the recently decided case before the DC Circuit challenging the SNAP regulations proposed by the Obama Administration. Mike Catanzaro recommended that we reach out request a meeting with the Administrator to share with him our views of the issue and the decision by the Court and how it fits into the larger policy goals of the Administrator. In addition, we would request that Mexichem, the other company involved in the litigation join the meeting as well.

>

> We are available to meet at the Administrator's earliest convenience and given the timelines involved would appreciate the opportunity to meet as soon as possible. Thank you for your assistance and please

let me know if you have any questions.

>

> Sincerely,

> Warren

>

> Warren S. Payne

> Senior Policy Advisor

> Mayer Brown LLP

>

> P: 202 263 3831

> C: 202 821 9870

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>

> <Arkema - U S (725218789_1).pdf>

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To: Jackson, Ryan[jackson.ryan@epa.gov]
From: Payne, Warren S.
Sent: Sun 10/1/2017 10:17:40 AM
Subject: Meeting request re hazardous materials recycling
Congressional letter 0037_001.pdf
White Paper Support US Industry by Allowing Metals Recycling (725456411....pdf

Ryan,

I am emailing to ask for your assistance on arranging a meeting with the right folks at the EPA on the issue of getting EPA to update its definition of hazard waste under the Resource Conservation and Recovery Act. As you can see from the attached letter this issues has been flagged for the Director from the Hill already. Would greatly appreciate your assistance getting in front of the right people on this issue.

Thanks

Warren

Warren S. Payne

Senior Policy Advisor

Mayer Brown LLP

P: 202 263 3831

C: 202 821 9870

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To: Maisano, Frank[frank.maisano@bracewell.com]
From: Maisano, Frank
Sent: Mon 9/25/2017 4:11:03 PM
Subject: Sept 25 PRG Energy Update: Solar Case, Clean Energy Week, Taxes/Healthcare

Friends,

L'Shana tova... I hope all will have a good fast this Friday for Yom Kippur. Starting today with the long ball... Yes, my friends Mike Allen and Fred Frommer tell me that Kansas City's Alex Gordon last week broke Major League Baseball's season home run record with 12 days to spare, hitting the 5,694th long ball of 2017. No word on why the ball is flying out of the park more, but I wonder if can potentially be linked to climate change.

Welcome to National Clean Energy Week... And what a way to launch into the week with the Friday US International Trade Commission decision on the solar 201 tariff case. The ITC ruled that an injury did occur while considering a petition filed by two bankrupt companies. Now the case moves on to the remedy phase where ITC, and eventually the Administration, will consider what to do. In this phase, the Energy Trade Action Coalition – which represents other sectors impacted like utilities, contractors, cooperatives, retailers and conservative groups – will play a more aggressive role in highlighting economic impacts of higher tariffs on the broader economy, which is a factor the President must take into consideration in his final decision. See a full round up below...

If we can stop talking about the NFL, this week Congress should dig into the health care and tax reform issues as we approach the end of the actual fiscal year on Saturday. While budgets have been extended, reconciliation consideration of health care (meaning 50 votes to pass) ends. On energy, it is still busy with Clean Energy week including an event tomorrow featuring Interior Secretary Ryan Zinke, Energy Secretary Perry, Sen. Lindsey Graham and Rep. Cathy McMorris Rodgers; a Senate Energy DOE nomination hearing and a House Oversight hearing on nuclear waste. Wednesday events include Shale Insight in PA and Wilson's North American Energy Forum. On Thursday, there is a Clean Energy Forum at conservative group R Street and Friday at 11:30 a.m., Heritage hosting a major policy address by Zinke.

Speaking of the tax debate, check out this week's edition of the Bracewell PRG podcast "The Lobby Shop" which host Josh Zive interviews Associated Builders and Contractors tax expert Liam Donovan on the upcoming tax debate in Congress. (You can subscribe to it on iTunes and SoundCloud). And don't forget Platt's Capitol Crude as well which this week features Windfall author Meghan O'Sullivan, the deputy national security adviser on Iraq and Afghanistan.

And don't forget that next week – Wednesday to Saturday – the Society of Environmental Journalists will hold its annual meeting in Pittsburgh. Great day trips, policy/political Panels and the 15th annual Bracewell PRG Reception on Thursday evening.

Call with questions. Best,

Frank Maisano

(202) 828-5864

c. (202) 997-5932

FRANKLY SPOKEN

“As the remedy phase moves forward, I am determined to reach a conclusion that will protect the solar industry, our workers and the American public from what amounts to a shakedown by these two companies. An improper remedy will devastate the burgeoning American solar economy and ultimately harm America’s manufacturers and 36,000 people currently engaged in solar manufacturing that don’t make cells and panels.”

Abigail Ross Hopper, president and CEO of the Solar Energy Industries Association (SEIA).

“Utilities, power co-ops, retailers, manufacturers and other large commercial users, along with conservative groups who have criticized federal solar subsidies, all agree that unwarranted tariffs would cause severe damage to the solar industry while setting a terrible precedent for future trade cases. Artificially raising the price of solar products would increase costs for solar power consumers and jeopardize tens of thousands of U.S. manufacturing jobs.”

Paul Nathanson, spokesman for the Energy Trade Action Coalition (ETAC), a group of companies, associations and organizations who joined together to oppose the trade petition.

“Policymakers and candidate who embrace clean energy showcase independent governing and smart thinking on actions that can be equally good for the economy, national security and environment.”

ClearPath Action Founder Jay Faison, in announcing [new GOP polling results](#) on clean energy.

THE BIG NEWS

Solar Case to Move Forward – On Friday, the US International Trade Commission found that imported solar panels have harmed domestic solar manufacturers, setting up a high-stakes decision on tariffs for the Trump administration. The ITC will submit formal recommendations to the White House by November, after which President Trump has two months to decide on a final policy.

Some Video – Renewable Energy World has a great [explanation on the case with some video](#). They will also host a webinar on the next phase on Thursday at 2:00 p.m. featuring SEIA’s Hopper and others. See [more details here](#).

SEIA Calls Case Deeply-Flawed, Harmful to Industry – SEIA’s Abby Hopper said the ITC’s decision was disappointing for nearly 9,000 U.S. solar companies and the 260,000 Americans they employ. Foreign-owned companies that brought business failures on themselves are attempting to exploit American trade laws to gain a bailout for their bad investments. Hopper: “Analysts say Suniva’s remedy proposal will double the price of solar, destroy two-thirds of demand, erode billions of dollars in investment and unnecessarily force 88,000 Americans to lose their jobs in 2018. While we continue to believe that this is the wrong decision, based on Suniva and SolarWorld’s mismanagement, we respect the commission’s vote and we will continue to lead the effort to protect the solar industry from damaging trade relief. We expect to be front and center in the ITC remedy process, and in the administration’s consideration of this deeply-flawed case.”

Coalition Also Hits Back at Ruling – The Energy Trade Action Coalition (ETAC) expressed disappointment at the vote to continue the case. ETAC also pledged to remain fully engaged in the trade case to strongly advocate that the ITC and President Trump avoid imposing any remedies that would threaten the U.S. solar industry and the many related industry sectors that use solar. “The ITC decision to find injury is disappointing because the facts presented made it clear that the two companies who brought this trade case were injured by their own history of poor business decisions rather than global competition, and that the petition is an attempt to recover lost funds for their own financial gain at the expense of the rest of the solar industry,” said ETAC Spokesperson Paul Nathanson. “ETAC will continue to fight vigorously during the remedy phase, encouraging Administration officials and Members of Congress to help ensure that no remedies are imposed that would threaten the solar industry’s ability to compete with other energy sources.”

Some Other Key Views

Scott Segal, Executive Director of the Electric Reliability Coordinating Council,

“The imposition of trade remedies on solar technology sought by the two petitioners in this case, Suniva and SolarWorld, could fundamentally change those carefully calibrated assessments of grid stability -- and do so without any consequent societal benefits. Ill-conceived energy protectionism in the guise of a trade remedy, on the other hand, will only do more harm than good. We would all do well to take heed of recent events and remember to prioritize the importance of maintaining a diverse and resilient electric grid. The government should say no to the Section 201 trade petition for solar.”

(ERCC is a group of utilities that includes Ameren, Southern, DTE and several others.)

Diane V. Denton, Managing Director of Federal Policy for Duke Energy

“In the event that imported modules are subject to an artificial floor price or significant import tariff as requested by the petitioners in this case, the module market, and Duke Energy’s plans to procure modules, will likely be significantly disrupted. If such a remedial floor price or tariff is imposed, we expect that the installed cost of solar projects will increase 30% or more and that demand for modules would contract precipitously. As solar energy is just approaching parity with the traditional grid resources in a number of states, a significant reduction in demand for new solar projects could deliver a serious blow to continuing development and evolution of this market.”

John M. Grau, CEO of the National Electrical Contractors Association

“Solar energy is one of the most promising sectors in the American economy, providing good construction and manufacturing jobs and valuable products at a low cost to consumers. It’s been creating jobs for electricians who install utility scale and roof top solar systems around the country. These are good, middle-class jobs that promote apprenticeship, community based hiring, and veterans. All this progress would be placed at risk if the government decided to cut off the cells and modules that form the basic ingredients of the U.S. solar supply chain.”

Paul Spencer, CEO/Founder of Clean Energy Collective

The trade barriers proposed would needlessly make solar more expensive at a time when we are seeing record low prices that make solar cheaper for consumers and provide ever-increasing benefits for the global environment.

(CEC works with rural cooperatives and others to develop Community Solar projects)

David French, Senior Vice President, Government Relations at the National Retail Federation

The trade restrictions that would result from this petition would raise the price of solar cells and modules, the basic ingredients of solar panels, brought into the U.S. from anywhere in the world. This trade case threatens the competitiveness of solar power and could negatively impact retailers across the country who have proactively moved to diversify their energy sources.

Karla Jones, Director of International Relations & Federalism, American Legislative Exchange Council

“Long a champion of free markets, ALEC opposes the ITC’s decision as protectionism that will ultimately harm the U.S. economy and cost American jobs. We urge the President, who will make the final determination on whether to accept or reject the ITC’s recommendation, to choose free market principles over protectionism.”

Katie Tubb, trade policy specialist at the Heritage Foundation

“The tariffs requested by Suniva and SolarWorld will make solar products and services in America more expensive and less competitive by removing inexpensive, often imported choices

from other solar companies and their customers.”

Some Great Links

• **ALEC on Solar Case:** <https://townhall.com/columnists/sarahhunt/2017/08/15/draft-n2369019>

• **Heritage Policy Paper:** http://dailysignal.com/2017/09/21/absurdity-propping-two-favored-solar-companies/?wpisrc=nl_energy202&wpmm=1

• **R Street Policy Paper:** <http://www.rstreet.org/wp-content/uploads/2017/09/RSTREETSHORT45.pdf>

• **Governors Letter to ITC:** <https://www.seia.org/sites/default/files/2017-09/Govs%20Solar%20Tariff%20Letter%20CO%20MA%20NV%20NC.pdf>

• **House & Senate Letter to ITC:** <https://www.seia.org/news/bipartisan-group-69-lawmakers-urge-feds-oppose-punitive-tariffs-would-gut-us-solar-industry>

• **ERCC Greentech Media Op-ed:** <https://www.greentechmedia.com/articles/read/utilities-solar-trade-protections-do-more-harm-than-good>

IN THE NEWS

ClearPath Polling Shows Strong GOP Support for Clean Energy – A survey of GOP and independent voters in states key to the 2018 congressional midterm election show strong support for Republican candidates who take action on clean energy. In the eight states surveyed,

Republicans gained a 25% swing on average over the generic ballot after focused messaging on clean energy, according to the early June poll commissioned by ClearPath Action. Among those who voted for President Trump, 77 percent said they support accelerating clean energy, with 39 percent citing strong support. Nearly 90 percent of independents said they support accelerating clean energy, with more than 60 percent citing strong support. ClearPath Action Founder Jay Faison said the polling results are far stronger than what he expected and stronger than what he saw last cycle. Faison: “Policymakers and candidate who embrace clean energy showcase independent governing and smart thinking on actions that can be equally good for the economy, national security and environment.” The survey shows significant ballot movement and momentum favoring Republicans who back clean energy across all eight states. That includes more than a 25-point ballot movement statewide in Nevada, Michigan and Arizona using a sample of all likely voters. [Full details and More specifics here.](#)

Senate Energy Approves Final Two FERC Noms – The Senate Energy Committee unanimously approved Kevin McIntyre and Richard Glick to serve on FERC. The panel also approved Ryan Nelson to be solicitor of the Interior Department, David Jonas to serve as general counsel of the Energy Department and Joseph Balash to be assistant secretary for land and minerals management at Interior, thus advancing all five nominees to the full Senate.

SMU Expert: Oil/Gas Resilient Through Hurricane – US oil and natural gas markets will shrug off the impacts of Hurricanes Harvey and Irma soon and move further along the path to stability and possibly modest growth this year and next, according to analysts. Our friend Bud Weinstein of the SMU Maguire Energy Institute [recently wrote](#) the oil and gas infrastructure along the Gulf Coast also sustained very little damage, certainly compared with Hurricane Katrina. Weinstein said overall, the refining and petrochemical industries along the Gulf Coast, as well as pipelines and offshore production platforms, proved to be extraordinarily resilient as more than 50 inches of rain inundated Houston and Beaumont-Port Arthur over four days. “The untold story is that after Hurricanes Rita, Katrina and Ike the energy industry spent billions upgrading their facilities along the Gulf Coast so they could withstand future catastrophic storms,” Weinstein wrote.

Partners Conducting Wildlife Study at RI Offshore Project – [Deepwater Wind is partnering](#) with researchers from the U.S. Fish and Wildlife Service (FWS), the University of Rhode Island (URI) and the University of Massachusetts-Amherst on studies of bird and bat activity off the Atlantic Coast. The studies, funded by BOEM, provide data on offshore movements of high-priority species to inform conservation efforts, says Deepwater. In August, Deepwater Wind installed a wildlife tracking station on the easternmost foundation platform at the Block Island Wind Farm, located three miles off the coast of Block Island, R.I. The tracking station contains four antennas, plus a receiver that collects data on migrating patterns of birds and bats that scientists have previously tagged with tiny, very high-frequency (VHF) transmitters, weighing

less than 1.5 grams each. These transmitters provide data on any tagged species that fly within a 20-mile radius of the wind farm.

ON THE SCHEDULE THIS WEEK

NATIONAL CLEAN ENERGY WEEK – September 25-29th. Hosted by Citizens for Responsible Energy Solutions, the American Council on Renewable Energy, Advanced Energy Economy, the American Wind Energy Association (AWEA), the Business Council for Sustainable Energy, the Biomass Power Association, Clean Energy Business Network, the Nuclear Energy Institute, the National Hydropower Association, and the Solar Energy Industries Association (SEIA). Sects. Perry and Zinke will launch the event tomorrow at the Reserve Officers Association on Capitol Hill in a discussion moderated by former New Hampshire Sen. Kelly Ayotte. Also expected to speak throughout the day are Rep. Cathy McMorris Rodgers, Sen. Tom Carper and Sen. Lindsey Graham.

Wharton DC Hosts Innovation Summit – The Wharton DC Innovation Summit will be held today at the Marriott Bethesda North Conference Center. The Wharton DC Summit has a rich history of getting at key questions for venture capitalists, a seasoned entrepreneurs, an aspiring entrepreneurs or the intellectually-intrigued by innovation. Interesting panels on transportation, (AVs), drones and many other topics.

AEE Holds Michigan Energy Future Conference – The Advance Energy Economy will hold its 4th Annual Michigan Energy Future Conference today at the College for Creative Studies in downtown Detroit. The global market for mobility solutions is growing rapidly, building on innovation, information technology, and new transportation business models. Focusing on this convergence, the event, sponsored by our friends at DTE Energy, will dive deep into the intersection of energy, telecommunications, and transportation. While other conferences have explored these issues independently, the Michigan Energy Future Conference will be the first comprehensive look at the synergies between sectors, exploring opportunities for the U.S. to benefit as the pace of convergence between these sectors accelerates.

Forum to Look at Petro Diplomacy – The Arab Gulf States Institute in Washington will hold a conference this afternoon looking at critical issues facing the oil industry against the background of the shifting economic and political landscape in the region. The Lunch Keynote will feature Majid Al-Moneef, former Secretary General of the Supreme Economic Council of Saudi Arabia and Member of the Board of Directors of Saudi Aramco. Then a panel featuring Columbia

University energy policy expert Jason Bordoff and others will follow.

Senate Energy to Hear from DOE Noms – The Senate Energy Committee will convene a hearing tomorrow at 10:00 a.m. to consider the DOE nominations for the office of Electricity Delivery and Energy Reliability and Fossil Energy. Nominees Bruce Walker and Steve Winberg will testify.

WCEE Event to Look at MD Offshore Wind – The Women's Council on Energy and the Environment (WCEE) will hold a lunch forum tomorrow at Dentons looking at the latest insights into the Maryland PSC's work on offshore wind and energy efficiency, the political challenges faced and the businesses opportunities created. Marissa Gillett, Senior Advisor to the Public Service Commission's Chairman, will be the speaker.

ELI to Look at Ocean Energy – Tomorrow at Noon, the Environmental Law Institute will hold a forum on ocean energy technologies (wave, tidal, and current hydrokinetic energy) under development. Wave and tidal energy developers claim that federal subsidies and tax cuts are insufficient to promote research and development, and some of the most successful ocean energy companies have moved overseas. A panel of experts will look at key questions to improve development of the hydrokinetic technology sector in the U.S. Among the panelists, Annie Jones, FERC Energy Projects advisor.

Gas Tech CEO to Address Roundtable – The Natural Gas Roundtable will host that David Carroll, president of the International Gas Union at its next luncheon tomorrow. Carroll is the President and CEO of the Gas Technology Institute. He oversees the company's operations and directs its programs for developing technologies, products, and services for customers in the natural gas and related industries. Carroll assumed the additional role of President of IGU for a three-year term in 2015.

Forum to Look at Future of Nuclear – The Global America Business Institute (GABI) is hosting a special workshop tomorrow looking at the future of nuclear power globally, focusing on technological, security, and geopolitical considerations. Achieving progress towards decarbonizing and reducing the environmental impact of energy generation is arguably impossible without a significant expansion of nuclear power internationally. However, improving and strengthening the global nuclear governance system and maintaining high international standards in nuclear safety, security, and nonproliferation are essential for nuclear power to become a more integral part of the world's energy portfolio. Speakers will include

Partnership for Global Security President Kenneth Luongo and NEI's Everett Redmond.

Coal Event to Hear from Alpha CEO – The 40th annual Coal Marketing Days forum will be held tomorrow and Wednesday at the Omni William Penn Hotel in Pittsburgh. The event hosts a variety of coal suppliers and buyers, coal transport companies, and industry-wide analysts who exchange in-depth knowledge on the current state of the global and domestic coal-producing markets and focuses on the current trends and challenges shaping the business. Alpha Natural Resources CEO David Stetson is the keynote.

Ideas Conference Set – *The Atlantic* and the Aspen Institute holds its 9th annual Washington Ideas conference tomorrow through Thursday. “Washington Ideas” convenes the nation's leaders in politics, business, health, science, technology, arts, culture and journalism for three days of can't miss conversation and connections. In the heart of the nation's capital, we will tackle the most consequential issues facing the country and the world.

House Oversight to Look at Nuclear Waste – The House Oversight Committee's Subcommittee on the Interior, Energy, and Environment will convene a hearing tomorrow at 2:00 p.m. examining America's nuclear waste management and storage to examine the management of the nation's increasing amount of nuclear waste and to highlight the challenges communities across the country face when dealing with nuclear waste. Witnesses will include Maryland PSC Commissioner Anthony O'Donnell, Aiken County, SC Councilmember Chuck Smith, David Victor of UC-San Diego School of Global Policy & Strategy (who also chairs San Onofre Nuclear Generating Station's Community Engagement Panel and our friend Katie Tubb of the Heritage Foundation.

Wilson to Hold Energy Forum – The Mexico and Canada Institutes will host the Wilson Center's 2017 North America Energy Forum on Wednesday. The Forum is now in its fourth year and will focus on the major challenges and opportunities facing energy producers and consumers in the region, with a strong focus on innovation in the energy sector. Chamber Energy President Karen Harbert and NOIA head Randy Luthi will be among the speakers.

EMA Sets Annual Forum – The Environmental Markets Association holds its 21st Annual Meeting on Wednesday to Friday at the Renaissance Nashville Hotel. The event focuses on trading, legislation and regulation of environmental markets. The agenda includes panel sessions covering Carbon / RGGI, what's next after the Clean Power Plan, update on current developments and trends in other existing environmental markets such as the SO₂ and Nox programs and a general REC Market Overview that provides an update on supply and demand as well as estimates on potential growth as the market faces pricing pressure.

PA Shale Conference Set – SHALE INSIGHT 2017 will be held on Wednesday and Thursday at the Pittsburgh Convention Center. The event holds the most important discussions on shale development, featuring some of the most prominent industry and government leaders. Influential industry executives and innovative thought leaders will work through two days of technical and public affairs insight sessions, major keynote addresses, and a dynamic exhibit hall featuring all the major shale players.

Forum to Look at Storage During Hurricanes – The Congressional Advanced Energy Storage Caucus will hold a forum on Wednesday at 2:00 p.m. on potential issues with storage and hurricanes. Caucus co-chairs Rep. Chris Collins (R-NY) and Rep. Mark Takano (D-CA) will provide an update on the U.S. energy storage market, and a briefing on the role of energy storage in electric infrastructure resilience.

Smart Mobility Forum Set – The C3 Group hosts the 3rd annual Smart Mobility Forum on Capitol Hill on Wednesday at 2:30 p.m. in the Capitol Visitors Center. The Forum will include presentations by experts on the deployment of autonomous vehicle technology and its impact on automotive, transportation, society and policy followed by an interactive Q&A. Featured Speakers include C3 Group President and smart mobility expert Doug Newcomb, Autotrader Senior Analyst Michelle Krebs and Dushyant Wadivkar of Bosch Automated Vehicles.

Senate Ag Looks at Energy Programs in Farm Bill – The Senate Committee on Agriculture will convene a hearing Thursday at 9:30 a.m. on rural development and energy programs. They will focus on perspectives for the 2018 Farm Bill.

R Street Hosts Clean Energy Event – R Street will host a forum on Thursday at 10:00 a.m. with panelists from Microsoft, the American Coalition of Competitive Energy Suppliers (ACCES), Advanced Energy Economy (AEE), and Citizens for Responsible Energy Solutions (CRES) to discuss clean energy opportunities. Affordable clean energy future rests with the advancement of competitive energy markets and consumer choice. Such policies provide better opportunities to facilitate distributed generation and rest at the intersection of conservative and green agendas. Speakers will include Microsoft's Michelle Patton, AEE's Dylan Reed, Devin Hartman of R Street and Frank Caliva of ACCES.

Trade Expert to Discuss Solar Case Next Steps – *Renewable Energy World* holds a webinar on Thursday at 2:00 p.m. looking at what happens next following the Sept. 22 ITC ruling. The webcast will include SEIA President and CEO Abigail Ross Hopper; NEXTracker CEO Dan Shugar and Matthew Nicely, the trade lawyer arguing against the petition.

CSIS, Fortune Smart Women Conference to Feature Ernst – On Friday at 9:00 a.m., the Smart Women, Smart Power Initiative holds a conversation with Senator Joni Ernst (R-IA). The topics will include North Korea, Syria, Afghanistan, and other global hotspots with Senator Ernst, a member of the Senate Armed Services Committee. She is the first female combat veteran elected to the U.S. Senate. The event is – as always – moderated by Nina Easton of Fortune.

JHU to Host Italian CEO on NatGas Europe – On Friday at 9:45 a.m., the Johns Hopkins University Center for Trans-Atlantic Relations will hold a discussion with Marco Alverà, CEO at Snam to discuss natgas in Europe. He will join JHU SAIS Dean Vali Nasr. Introductory remarks will be given by Daniel Hamilton, Executive Director of Johns Hopkins SAIS Center for Transatlantic Relations. Alverà has been the Chief Executive Officer of Snam, a European leader in the construction and integrated management of natural gas infrastructure, since April 2016. He also serves as Managing Director of Snam Rete Gas and as ad interim Chief Industrial Assets Officer of Snam.

Wilson to Host Arctic Enviro Forum – The Wilson Center's Polar Initiative will host a forum on Friday at 10:00 a.m. on the future of the Arctic Environment. Leading Arctic scientists, policymakers, and emergency response officials will present and discuss the most recent research on Arctic change, extreme weather, indigenous communities, and emergency response operations. Among the Speakers will be former State Department Official Sherri Goodman among others.

Heritage to Host Zinke – On Friday at 11:30 a.m., the Heritage Foundation will host a major policy address by the U.S. Secretary of the Interior, Ryan Zinke in its Allison Auditorium. Secretary Zinke will discuss President Donald Trump's American energy dominance agenda, focusing specifically on the importance of American energy production and how the federal government can be a better business partner.

IN THE FUTURE

Geothermal Conference Set for Utah – The Geothermal Energy Association (GEA) is holding

GEOEXPO+ on October 1-4th at the Salt Palace in Salt Lake City, UT. The meeting will be held in conjunction with the GRC Annual Meeting.

WCEE Hosts Federal Lands Discussion – Next Monday at Noon, the Women’s Council on Energy and the Environment (WCEE) holds a forum to discuss current opportunities and challenges for the development of energy and mineral resources under the new Administration. Among other hotly debated topics, the event will cover the role of climate change considerations in decision-making, potential changes in mitigation requirements, issues regarding royalty valuation and payment, and still unresolved issues regarding the scope of Presidential withdrawal authority onshore and offshore under decades-old statutes.

CCS Forum to Look at Norway Success Story – The Global CCS Institute will hold a forum on Tuesday, October 3rd at 9:00 p.m. in National Press Club’s Zenger Room on the Innovation and low-carbon policies that are driving the development of clean energy technologies around the world. The discussion will explore how Norway has fostered the development of its carbon capture infrastructure, as well as the emerging business case for carbon capture in the U.S. and globally. Featured speakers Gassnova CEO Trude Sundset, Rich Powell of ClearPath Foundation, Thina Saltvedt of Nordea Bank Norge and Statoil VP of New Energy Solutions Steinar Eikaas, who operates the world’s most successful carbon capture project in the North Sea.

Forum to Look at Iran Deal – On Tuesday, October 3rd from 1:30 p.m., the Center for a New American Security will hold two panel discussions on the implications of the potential collapse of the Joint Comprehensive Plan of Action (JCPOA). The discussion will focus on what happens if President Trump begins unraveling the nuclear agreement in mid-October by not certifying Iranian compliance to Congress and will also examine other potential collapse scenarios. Our friend Elizabeth Rosenberg is among the panelists.

SEJ Set for Pittsburgh – Speaking of Pittsburgh, SEJ’s 27th annual conference is set for October 4-8 in Steel City.

Vets in Energy Forum Set – Veterans In Energy will hold a forum on October 5th through 7th at NRECA in Arlington. VIE provide transition, retention and professional development support to the growing population of military veterans who have chosen energy careers. Speakers will include Chris Hale of GI Jobs and Gen. John Allen, former Dep Commander of US Central Command.

CSIS to Look at Electrification – The CSIS Energy & National Security Program will host a discussion on Thursday October 5th at 9:30 a.m. looking at the future of electrification with Arshad Mansoor, Senior Vice President of Research and Development at the Electric Power Research Institute (EPRI). Mansoor will provide an overview of the recent EPRI report, *The Integrated Energy Network: Connecting Customers with Reliable, Affordable and Cleaner Energy*, which calls for a more interconnected and integrated energy system through greater electrification. Frank O'Sullivan, Director of Research and Analysis at the MIT Energy Initiative, and Ken Colburn, Principal and U.S. Program Director at the Regulatory Assistance Project, will follow with views on the opportunities and benefits, as well as obstacles and potential drawbacks of a path to a more electrified economy. This event is part of CSIS's ongoing work on Electricity in Transition, which surveys the current landscape of the U.S. and global electricity sector.

Forum to Look at LNG in Latin America – The Atlantic Council hosts a forum on Thursday, October 5th at Noon looking at the Growing Role of LNG in Latin America. Natural gas is emerging as a critical source of energy in the Americas and around the world, and Latin America is rapidly becoming a key destination for US LNG exports. Latin America is currently the number one destination for US LNG exports, accounting for over 40%. Many governments in the region see natural gas as a low-carbon energy option that can support their increasing turn towards renewables. Additionally, lower global LNG prices, the impacts of drought conditions on the region's hydropower sector, and a departure from industries such as coal and diesel have driven the demand for LNG and calls into question whether this is an opportunity for Latin America to become more integrated. The forum will feature a conversation with Argentinian Ministry of Energy and Mining Transport Director Gonzalo Aguirre, Jose Luis Castro of Sociedad Portuaria El Cayao (SPEC), Giovanni Machado of Empresa de Pesquisa Energética and the State Department's acting Deputy Assistant Secretary of Energy Resources Sue Saarnio.

ELI, DC Bar to Look at Policy Reversals – The Environmental Law Institute and the DC Bar are hosting a forum on Thursday October 5th on how agencies often reverse policy. Since the presidential transition, EPA and other agencies have used a variety of tools to change policies and regulations. Three common tools they have used are stays, remands, and reconsideration. Agencies administratively stay the effective date of rules preventing them from going into effect, seek voluntary remand of rules in litigation to revisit rules administratively while avoiding a judicial decision, and administratively reconsider rules. Some of these actions have been the subject of the heated litigation, and the courts have acted to constrain agency discretion, including in an important D.C. Circuit decision rejecting EPA's stay of the oil and gas methane rule. Expert panelists will discuss the use of these legal tools in changing agency policy, and offer cutting-edge perspectives from the government, the private sector, and the environmental advocacy community.

ACORE Finance Forum Set – The American Council on Renewable Energy will hold forum on the state of the renewable energy public policy, financial markets and corporate renewables strategy when they hold ACORE Finance West on October 12th at the Bently Reserve in San Francisco. This annual conference convenes senior investors, industry executives, and other top transactional professionals to address market trends in the context of renewable investment opportunities in the Western U.S.

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At the conference this year we will look at the drivers behind this boom and how to ensure

sustainable growth as the market matures.

To: Lyons, Troy[lyons.troy@epa.gov]
Cc: Jackson, Ryan[jackson.ryan@epa.gov]
From: Wehrum, William L.
Sent: Mon 9/18/2017 5:58:36 PM
Subject: RE: POSSIBLE Hearing Delay

Troy – Please remember that I have oral argument in the DC Circuit next Tuesday, the 26th. There is no way that anyone could stand in for me. Please try to avoid that day if the hearing is rescheduled. I will not be able to participate in the hearing if it happens that day, unless the hearing is scheduled for late in the day.

From: Lyons, Troy [mailto:lyons.troy@epa.gov]
Sent: Monday, September 18, 2017 1:07 PM
To: David Ross; Leopold, Matthew Z.; doursoml@ucmail.uc.edu; Wehrum, William L.
Cc: Palich, Christian; Ringel, Aaron; Shimmin, Kaitlyn; Frye, Tony (Robert)
Subject: POSSIBLE Hearing Delay
Importance: High

Nominees—the Senate may wrap up its business tomorrow night and leave early for the Jewish holiday (which the Senate was planning to already be out Thursday and Friday). This would result in the hearing being postponed. We are working with EPW and Leader McConnell's office to push this week's hearing or get a alternative. We should have clarity this evening.

I would advise you to continue with your travel plans. If your family is scheduled to come, I would advise them to cancel their plans. I am sorry for this last minute change.

Troy M. Lyons

Associate Administrator

Office of Congressional & Intergovernmental Relations

U.S. Environmental Protection Agency

202-309-2490 (cell)

To: Maisano, Frank[frank.maisano@bracewell.com]
From: Maisano, Frank
Sent: Mon 9/18/2017 5:42:38 PM
Subject: Sep 18 PRG Energy Update: UN Climate Week, EPA Noms, ITC Solar Injury Vote

Friends,

Our friend Sean Spicer was the hit of the 69th Emmy awards last night working with host Stephen Colbert to offer a great, light political moment, fresh with a moving podium in an event dripping with political intrigue. The big winners were SNL, Hulu and Julia Louis-Dreyfus, whose win for best actress in a comedy for her “Veep,” performance tied Cloris Leachman’s record for eight prime-time acting Emmys. See all the winners here.

Also, proud dad moment: this weekend we traveled to Wellesley to watch Hannah’s first NEWMAC field hockey game and she didn’t disappoint, getting a “Gordie Howe Hat Trick,” by scoring the game winning goal, setting up her team’s first goal and then getting a yellow card late in the second half.

This week, the UN launches its meetings so climate change events are all around. First, let’s address the weekend dust up over the Paris agreement. In case you missed it, the WSJ reported that the Administration was considering backing off its pledge to pull out of the Paris Agreement. The Administration pushed back aggressively on that issue. My take: I just don’t think there is anything different than we’ve heard before. For now, it looks and sounds to me like they are still on the same page as back when he made announcement. They only seem to be wiggling on is their strategy to approach discussions at the upcoming UN meeting. Substance seems the same. Happy to discuss in more detail.

Climate Week events started with Gary Cohn this morning hosting a meeting on energy and climate change in New York before the United Nations General Assembly convenes and continues with Columbia Law School hosting an event tonight at 7:00 p.m. on offshore wind in NYC featuring our friends Amy Harder of Axios, Statoil’s Megan Kesier and Michael Gerrard of the Columbia Law School. The Concordia Summit also is happening in NYC with speakers like Scott Pruitt (interviewed by Dana Perino), Laura Bush, a bunch of POLITICO moderators and many others. Finally, Yale holds a Climate Conference today and tomorrow hosted by John Kerry featuring Ernie Moniz, Heather Zichal, James Baker, Sens. Graham and McCain, Govs. Brown and Inslee, Hank Paulson, GE’s Jeff Immelt and **WAIT FOR IT...** Leo DiCaprio, tomorrow to close the event!!! See the full Climate Week line up here.

So with another hurricane lingering in the Caribbean, it is important to report that as of 4:00 p.m. yesterday, more than 90% of customer outages have been restored. Still, about 850,000 customers are without power in Florida and Georgia as a result of Hurricane Irma. At Irma's peak on September 11, there were more than 7.8 million outages. In Georgia alone, power has been restored to 99% of customers, or 990,000 customers, impacted by Hurricane Irma. For those who are still without power, an army of more than 60,000 continues to work around the clock in support of one mission—to turn the lights back on as safely and as quickly as possible. This includes workers from affected companies, as well as mutual assistance crews, contractors, and other support personnel. See this mutual assistance in action in a social media recap.

Tomorrow, the Senate Energy Committee will vote on White House nominees for two open slots FERC, as well as picks for senior roles at the Interior and Energy Departments. Then Wednesday, the Senate Environment Committee will hear from nominees for several senior positions at the Environmental Protection Agency, including Bill Wehrum to head the agency's the air office. EPA GC Matt Leopold, EPA chemical office head (and TSCA implementer) Mike Dourson, EPA Water office head Dave Ross and NRC's Jan Baran also on the agenda.

Finally, on Friday the US International Trade Commission will vote on whether to move the Suniva 201 solar case forward by determining whether the petitioners were injured. The company is seeking import duties of 40 cents per watt for solar cells that currently sell for 25-33 cents per watt, and a floor price of 78 cents per watt for panels. The U.S. solar industry – as well as outside interests like utilities, contractors, co-ops, retailers, manufacturers and conservative groups have rallied to oppose the bid for protection, arguing it would undercut a thriving sector and harm employment in other areas, particularly installation. Lots of action on the issue including the *Wall Street Journal* Editorial Board hammering the case, conservative groups sending a letter to ITC opposing the case and a new paper from Heritage trade experts on the case.

Today is National Cheeseburger Day!!! Let's celebrate...Call with questions. Best,

Frank Maisano

(202) 828-5864

c. (202) 997-5932

FRANKLY SPOKEN

“Bill is well-respected and well-liked by the career staff at EPA – and by anyone who has ever worked with him. During his almost 6 years at EPA, he worked closely with career staff on a wide range of issues and was known for rolling up his sleeves and getting involved in the details of the Agency’s regulations and permitting programs. From his work as an environmental engineer, his time at the Agency, and his many years of counseling clients, he has a comprehensive understanding of EPA’s regulatory programs and the many technical issues involved in implementing the Clean Air Act.”

Former EPA Air Administrator and Bracewell partner Jeff Holmstead in a letter to Senate Environment Committee Chair John Barrasso and Ranking Member Tom Carper supporting Bill Wehrum to be EPA Air Administrator.

“The reductions in solar costs — I did not foresee them, I also did not foresee the reductions in the cost of natural gas. I did not foresee that we would have the price of oil around \$50 a barrel or wherever it is today. I admit that I didn’t see the cost of solar and wind decreasing as fast as it has.”

Daniel Simmons, Department of Energy staffer who helped draft the DOE Grid Reliability Report in an interview with PV Magazine.

IN THE NEWS

Wall Street Journal Ed Board Hits Trade Case – You might have missed it given the WSJ’s other story this weekend, but the editorial board called the Suniva case a “Solar Power Death Wish”. The *Journal* says the marketplace is driving the potential harm for the petitioners, noting the “U.S. solar industry has discovered that its comparative advantage lies not in making panels, a basic product, but in adding value to imported cells and modules.” They add the potential tariffs would be another “destructive exercise that benefits a handful of Suniva and SolarWorld investors at the expense of everyone else—including the rest of the solar industry. This is protectionism at its worst.”

Heritage Paper Details Group's Concern About Solar Tariff – The Heritage Foundation released a paper that challenges the need for the solar trade petition filed by Suniva. They say acquiescing to Suniva and SolarWorld Americas' petition for more tariffs would do deep damage to the rest of the U.S. solar industry.

Conservative Groups Weigh in on Solar Tariff – Several conservative groups sent a letter last week urging members of the US International Trade Commission to reject the relief requested by Suniva and SolarWorld. The groups wrote that the tariffs and minimum price floors requested would double the cost of solar products in the United States, lead to retaliation by our trading partners and face a challenge at the World Trade Organization (WTO). Letter signatories include R Street, the American Legislative Exchange Council, ALEC Action, Citizens for Responsible Energy Solutions Forum, the National Taxpayers Union and the Taxpayers Protection Alliance.

Energy Innovation Discussion Spurs Progress – Clearpath's Rich Powell and former Oak Ridge National Lab Director Thom Mason wrote in a new op-ed in the *Chattanooga Times Free Press* how clean energy innovation has been an essential part of Tennessee's fabric for more than eight decades, including contributing to some of our nation's most significant breakthroughs. But they also issue a word of caution ahead of the busy budget season on Capitol Hill: We must have sustained federal energy innovation investment or risk losing much of the promise being built in the Volunteer State and elsewhere.

Nuclear Plants Withstand Hurricanes – Nuclear plants were among the most resilient of energy infrastructure in the path of Hurricanes Irma and Harvey. Two reactors near Houston operated at full capacity despite wind gusts of 130 mph, which along with flooding, shut down refineries and disrupted wind and solar generation. And while several Florida reactors were preemptively shut down ahead of Irma, they suffered no damage and were powered back up this week. Here is some of the coverage in Florida and additional coverage on Texas.

ALEC: State Nuclear Emerging Trends – Speaking of nuclear, our friend Sarah Hunt at the American Legislative Exchange Council (ALEC) released a new paper on the emerging trends in state nuclear power policy. Research reveals several developments have combined encouraging states to take a fresh look at nuclear energy policy. The survey of the state policy landscape suggests that moving forward, state nuclear policy discussions will focus on policy interventions to preserve existing nuclear power plants instead of policies that promote new construction.

Given the relevance of energy subsidies, mandates and federally regulated wholesale power markets to nuclear power, these policy conversations will hopefully encourage states and the federal government to take a fresh look at unraveling the “Gordian knot” of existing market distorting policies.

SAFE Brings in New Policy Expert – SAFE has brought in a new Senior VP of Policy and he’s a heavy hitter. Jonathan Chanis is an expert on oil markets and energy geopolitics and is available for comment on these topics, as well as the upcoming OPEC monitoring committee meeting on Wednesday. Chanis is responsible for planning and directing the research, analysis, and writing of SAFE’s policy team. Before joining SAFE, Jonathan taught graduate students at Columbia University about energy security and scenario planning, and he consulted on petroleum and natural gas security, and supply and value chain management. For the 20 years prior to this, Jonathan traded and invested in energy and emerging market equities, and commodities and currencies as a Senior Trader at Caxton Associates, a Vice President at Goldman Sachs’s commodities division (J. Aron & Co.), and a Managing Director at Tribeca Global Management (a division of Citigroup). Chanis has been a member of the Council on Foreign Relations since 1988, and an Associate Member of the Columbia University Seminar on the Middle East since 1997.

CAP Report Outlines State Offshore Wind Best Practices – The Center for American Progress has [a new report today](#) that examine state policies that helped launch offshore wind projects in Rhode Island, Massachusetts and New York. Among the items they recommend states consider for the policy toolkits: Strong renewable energy requirements, legislation guaranteeing demand for offshore wind power, comprehensive ocean planning, competitive and reasonable long-term power purchase agreements and infrastructure investments in areas like ports.

ON THE SCHEDULE THIS WEEK

TX Renewable Summit Set – The [Texas Renewable Energy Summit](#) will be held today and tomorrow in Austin at Omni Southpark. The summit will offer the latest insights into the market and hear from key players about the key trends impacting renewable energy project development, finance and investment in Texas. The falling price of solar panels is driving a surge in interest by public utilities and corporate customers in contracting for solar power, while a huge queue of wind projects is forming. As much as 16 GW of new wind and solar projects could come to fruition in Texas. However, development and financing challenges must be surmounted to assure project success and bankability. Large quantities of solar may drive the dispatch curve and market prices in unpredictable directions.

POLITICO Reporters to Moderate Key Panels at Key Event – The Concordia Annual Summit will be held today and tomorrow prior to the UN meetings launch in New York City. The event is the pre-eminent nonpartisan forum taking place alongside the UN General Assembly, and convenes more than 2,000 influencers and decision-makers through action-oriented programming that aims to build partnerships for social impact. The Summit will feature over 250 speakers, including EPA Administrator Scott Pruitt (interviewed by our friend Dana Perino), Commerce Secretary Wilbur Ross, former British Prime Minister Tony Blair, IMF Managing Director Christine Lagarde, former first lady Laura Bush, former State Department climate negotiator Paula Dobriansky, and United Technologies CEO Greg Hayes, of. As the official media partner of this year's summit, our friends at POLITICO – Anna Palmer, Nick Juliano, Matt Kaminski, Helena Bottemiller Evich and Ben White – will moderate discussions on major issues affecting the U.S. and global community.

Kerry Hosts Yale Climate Conference – Former Secretary of State John Kerry will host a climate conference today and tomorrow at Yale. Speakers will include former Energy Secretary Ernest Moniz, State Dept climate negotiator Jonathan Pershing, Obama Energy Czar Heather Zichal, former Bush Secretary of State James Baker, Sens. Graham and McCain, Govs. Jerry Brown and Jay Inslee, former Bush Treasury Secretary Hank Paulson, GE's Jeff Immelt and Leo DiCaprio, who will close the event tomorrow.

CSIS to Host Trade Discussion With Lighthizer – CSIS will host US Trade Rep. Robert Lighthizer this morning at 10:30 a.m. to discuss US trade policy priorities.

Columbia to Host Offshore Wind Discussion – The Columbia Law School will host an event tonight at 7:00 p.m. in NYC as part of its Climate Week events on offshore wind in New York. The Keynote presenter is Michael Gerrard of the Columbia Law School. Then our friend Amy Harder of Axios will moderate a panel which includes Statoil's Megan Kesier and others.

FERC Nominees to Get Energy Vote – Following last week's delay, the Senate Energy Committee meets tomorrow to vote on Kevin McIntyre to be chairman of the Federal Energy Regulatory Commission and Richard Glick to be a member of the commission. The committee will then lead into a hearing that will look at the vegetation requirements this week for electricity infrastructure on federal land. Witnesses include USDA's Glenn Casamassa, BLM's John Ruhs, Mark Hayden of the Missoula Electric Cooperative, Scott Miller of The Wilderness Society and Arizona Public Service Forestry Manager Andrew Rable.

IEA World Energy Report to be Detailed – The CSIS Energy & National Security Program will host Laszlo Varro, Chief Economist at the International Energy Agency (IEA), tomorrow to discuss the IEA's World Energy Investment 2017. Energy investment in 2016 totaled 1.7 trillion dollars, around 2.2 percent of the global economy. The report covers critical details about energy investment across various energy sectors, sources, and regions. It also includes a special focus on a wide array of topics, including how digitization is impacting investment and employment, global investment in innovation, and the impact of emerging business models. The report assesses the importance of energy policy driving investment into energy efficiency and into facilities that ensure adequate levels of energy security.

WCEE Event to Feature Marriott Leader – The Women's Council on Energy and the Environment's Women in Leadership (WIL) Committee will hold a reception tomorrow at 6:00 p.m. At the Brattle Group featuring Dominica Groom, Senior Director, Global Sustainability and Supplier Diversity at Marriott International, the world's largest global lodging company. Dominica provides global leadership through strategic direction, planning and execution for these important operational platforms. In 2016, she was recognized as one of the top "Leading Women", under the age of 40, in the state of Maryland for her tremendous professional accomplishments, community involvement and commitment to inspiring change. Additionally, she was also recognized as a "Top Influential Leader in Diversity" by the National Association for Minority Companies for her unwavering commitment to diversity & inclusion. Domenica will share her insights on her path to leadership, and some of the "lessons learned" for women in the sustainability and supplier diversity sector.

Senate Environment to Consider Wehrum, Other Noms – The Senate Environment Committee hold a hearing on nominations Wednesday at 10:00 a.m. Nominees under consideration Michael Dourson to be assistant EPA administrator for the chemical office; Matthew Leopold to be General Counsel; David Ross to be assistant EPA administrator for water; William Wehrum to be assistant EPA administrator for air; and Jeffery Baran to be a member of the Nuclear Regulatory Commission.

Forum to Look at Shale, Energy Security – On Wednesday at 4:00 p.m., the Institute of World Politics will host a lecture on the topic of "Energy Security: New Market Realities" with Sara Vakhshouri of SVB Energy International. The rise of North America's shale oil and gas production has changed the market dynamics, energy trade flow, and the elements of energy security. In this talk, Vakhshouri will cover the changes in market fundamentals, energy trade flows, energy prices and policies, and their broader impact upon global and regional energy security. We will also touch upon the current political risks treating the oil and gas supply from countries such as Qatar, Iran and Saudi Arabia.

Napolitano to Discuss NAFTA, US-Mexico Relations – On Thursday at 10:00 a.m. , University of California President Janet Napolitano and Dean of the School of Social Sciences and Government at Tecnológico de Monterrey Alejandro Poiré will speak at a forum that will address the current state and prospective future of U.S.-Mexico trade relations in light of the current policy and political climate. Other speakers will include Sen. Mark Warner, California Senate President Kevin de León, Mexican Ambassador Gerónimo Gutiérrez and former Custom/Border Patrol Commissioner David Aguilar.

WAPA to Feature Ford Product at September Event – The Washington Automotive Press Assn and the staff of Ford's Washington, D.C. offices will hold a networking event that highlights Ford's best-selling vehicle on Thursday at 5:30 p.m. at Ford's offices are located at 801 Pennsylvania Avenue in Suite 400.

ITC Solar Trade Petition Injury Determination – FRIDAY

Statoil to Focus on Climate Roadmap – On Friday at 10:00 a.m., the CSIS Energy and National Security Program will host Bjørn Otto Sverdrup, Senior Vice President for Sustainability at Statoil, to present Statoil's Climate Roadmap. The roadmap explains how Statoil will develop its business in support of the ambitions of the Paris Climate Agreement. Statoil believes the needed energy transition to a low-carbon society represents business opportunities, and Sverdrup will discuss how the company is reducing emissions, growing in renewables, and developing the portfolio and strategy to ensure a competitive advantage in a low-carbon world.

IN THE FUTURE

NATIONAL CLEAN ENERGY WEEK – September 25-29th. Hosted by Citizens for Responsible Energy Solutions, the American Council on Renewable Energy, Advanced Energy Economy, the American Wind Energy Association (AWEA), the Business Council for Sustainable Energy, the Biomass Power Association, Clean Energy Business Network, the Nuclear Energy Institute, the National Hydropower Association, and the Solar Energy Industries Association (SEIA). Sects. Perry and Zinke will launch event on Tuesday, September 26th at the Reserve Officers Association on Capitol Hill in a discussion moderated by former New Hampshire Sen. Kelly Ayotte.

Wharton DC Hosts Innovation Summit – The Wharton DC Innovation Summit will be held on

Monday September 25th at the Marriott Bethesda North Conference Center. The Wharton DC Summit has a rich history of getting at key questions for venture capitalists, a seasoned entrepreneurs, an aspiring entrepreneurs or the intellectually-intrigued by innovation. Interesting panels on transportation, (AVs), drones and many other topics.

AEE Holds Michigan Energy Future Conference – The Advance Energy Economy will hold its 4th Annual Michigan Energy Future Conference on September 25th College for Creative Studies in downtown Detroit. The global market for mobility solutions is growing rapidly, building on innovation, information technology, and new transportation business models. Focusing on this convergence, the event, sponsored by our friends at DTE Energy, will dive deep into the intersection of energy, telecommunications, and transportation. While other conferences have explored these issues independently, the Michigan Energy Future Conference will be the first comprehensive look at the synergies between sectors, exploring opportunities for the U.S. to benefit as the pace of convergence between these sectors accelerates.

Cato Forum to Look at Flood Insurance Program – The Cato Institute holds a forum next Monday at Noon in 122 Cannon looking at the National Flood Insurance Program, Zoning Regulations, and Hurricanes. The event will look at lessons for lawmakers working to reauthorize the expiring National Flood Insurance Program (NFIB). A panel of experts will answer questions on hurricanes, floods, and their aftermath, as well as offer suggestions for what Congress should, and should not, do regarding future disaster mitigation efforts.

WCEE Event to Look at MD Offshore Wind – The Women's Council on Energy and the Environment (WCEE) will hold a lunch forum next Tuesday at Dentons looking at the latest insights into the Maryland PSC's work on offshore wind and energy efficiency, the political challenges faced and the businesses opportunities created. Marissa Gillett, Senior Advisor to the Public Service Commission's Chairman, will be the speaker.

ELI to Look at Ocean Energy – Next Tuesday at Noon, the Environmental Law Institute will hold a forum on ocean energy technologies (wave, tidal, and current hydrokinetic energy) under development. Wave and tidal energy developers claim that federal subsidies and tax cuts are insufficient to promote research and development, and some of the most successful ocean energy companies have moved overseas. A panel of experts will look at key questions to improve development of the hydrokinetic technology sector in the U.S. Among the panelists, Annie Jones, FERC Energy Projects advisor.

Gas Tech CEO to Address Roundtable – The Natural Gas Roundtable will host that David Carroll, president of the International Gas Union at its next luncheon on Tuesday, September 26th. Carroll is the President and CEO of the Gas Technology Institute. He oversees the company's operations and directs its programs for developing technologies, products, and services for customers in the natural gas and related industries. Carroll assumed the additional role of President of IGU for a three-year term in 2015.

Forum to Look at Future of Nuclear – The Global America Business Institute (GABI) is hosting a special workshop on Tuesday September 26th looking at the future of nuclear power globally, focusing on technological, security, and geopolitical considerations. Achieving progress towards decarbonizing and reducing the environmental impact of energy generation is arguably impossible without a significant expansion of nuclear power internationally. However, improving and strengthening the global nuclear governance system and maintaining high international standards in nuclear safety, security, and nonproliferation are essential for nuclear power to become a more integral part of the world's energy portfolio. Speakers will include Partnership for Global Security President Kenneth Luongo and NEI's Everett Redmond.

Coal Event to Hear from Alpha CEO – The 40th annual Coal Marketing Days forum will be held on September 26-27 at the Omni William Penn Hotel in Pittsburgh. The event hosts a variety of coal suppliers and buyers, coal transport companies, and industry-wide analysts who exchange in-depth knowledge on the current state of the global and domestic coal-producing markets and focuses on the current trends and challenges shaping the business. Alpha Natural Resources CEO David Stetson is the keynote.

Ideas Conference Set – *The Atlantic* and the Aspen Institute holds its 9th annual Washington Ideas conference on September 26-28. "Washington Ideas" convenes the nation's leaders in politics, business, health, science, technology, arts, culture and journalism for three days of can't miss conversation and connections. In the heart of the nation's capital, we will tackle the most consequential issues facing the country and the world.

Wilson to Hold Energy Forum – The Mexico and Canada Institutes will host the Wilson Center's 2017 North America Energy Forum on Wednesday September 27th. The Forum is now in its fourth year and will focus on the major challenges and opportunities facing energy producers and consumers in the region, with a strong focus on innovation in the energy sector. Chamber Energy President Karen Harbert and NOIA head Randy Luthi will be among the speakers.

EMA Sets Annual Forum – The Environmental Markets Association holds its 21st Annual

Meeting on September 27-29 at the Renaissance Nashville Hotel. The event focuses on trading, legislation and regulation of environmental markets. The agenda includes panel sessions covering Carbon / RGGI, what's next after the Clean Power Plan, update on current developments and trends in other existing environmental markets such as the SO2 and Nox programs and a general REC Market Overview that provides an update on supply and demand as well as estimates on potential growth as the market faces pricing pressure.

PA Shale Conference Set – SHALE INSIGHT 2017 will be held on September 27th and 28th at the Pittsburgh Convention Center. The event holds the most important discussions on shale development, featuring some of the most prominent industry and government leaders. Influential industry executives and innovative thought leaders will work through two days of technical and public affairs insight sessions, major keynote addresses, and a dynamic exhibit hall featuring all the major shale players.

Smart Mobility Forum Set – The C3 Group hosts the 3rd annual Smart Mobility Forum on Capitol Hill on September 27th at 2:30 p.m. in the Capitol Visitors Center. The Forum will include presentations by experts on the deployment of autonomous vehicle technology and its impact on automotive, transportation, society and policy followed by an interactive Q&A. Featured Speakers include C3 Group President and smart mobility expert Doug Newcomb, Autotrader Senior Analyst Michelle Krebs and Dushyant Wadivkar of Bosch Automated Vehicles.

CSIS, Fortune Smart Women Conference to Feature Ernst – On Friday September 29th at 9:00 a.m., the Smart Women, Smart Power Initiative holds a conversation with Senator Joni Ernst (R-IA). The topics will include North Korea, Syria, Afghanistan, and other global hotspots with Senator Ernst, a member of the Senate Armed Services Committee. She is the first female combat veteran elected to the U.S. Senate. The event is – as always – moderated by Nina Easton of Fortune.

Geothermal Conference Set for Utah – The Geothermal Energy Association (GEA) is holding GEOEXPO+ on October 1-4th at the Salt Palace in Salt Lake City, UT. The meeting will be held in conjunction with the GRC Annual Meeting.

CCS Forum to Look at Norway Success Story – The Global CCS Institute will hold a forum on Tuesday, October 3rd at 9:00 p.m. in National Press Club's Zenger Room on the Innovation and low-carbon policies that are driving the development of clean energy technologies around the world. The discussion will explore how Norway has fostered the development of its carbon capture infrastructure, as well as the emerging business case for carbon capture in the U.S. and

globally. Featured speakers Gassnova CEO Trude Sundset, Rich Powell of ClearPath Foundation, Thina Saltvedt of Nordea Bank Norge and Statoil VP of New Energy Solutions Steinar Eikaas, who operates the world's most successful carbon capture project in the North Sea

SEJ Set for Pittsburgh – Speaking of Pittsburgh, SEJ's 27th annual conference is set for October 4-8 in Steel City.

Vets in Energy Forum Set – Veterans In Energy will hold a forum on October 5th through 7th at NRECA in Arlington. VIE provide transition, retention and professional development support to the growing population of military veterans who have chosen energy careers. Speakers will include Chris Hale of GI Jobs and Gen. John Allen, former Dep Commander of US Central Command.

CSIS to Look at Electrification – The CSIS Energy & National Security Program will host a discussion on Thursday October 5th at 9:30 a.m. looking at the future of electrification with Arshad Mansoor, Senior Vice President of Research and Development at the Electric Power Research Institute (EPRI). Mansoor will provide an overview of the recent EPRI report, *The Integrated Energy Network: Connecting Customers with Reliable, Affordable and Cleaner Energy*, which calls for a more interconnected and integrated energy system through greater electrification. Frank O'Sullivan, Director of Research and Analysis at the MIT Energy Initiative, and Ken Colburn, Principal and U.S. Program Director at the Regulatory Assistance Project, will follow with views on the opportunities and benefits, as well as obstacles and potential drawbacks of a path to a more electrified economy. This event is part of CSIS's ongoing work on Electricity in Transition, which surveys the current landscape of the U.S. and global electricity sector.

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To: Jackson, Ryan[jackson.ryan@epa.gov]
Cc: Brown, Byron[brown.byron@epa.gov]; Elliott Laws (ELaws@crowell.com)[ELaws@crowell.com]; Marianne Horinko (mhorinko@thehorinkogroup.org)[mhorinko@thehorinkogroup.org]; Kenneth von Schaumburg (kvonschaumburg@clarkhill.com) (kvonschaumburg@clarkhill.com)[kvonschaumburg@clarkhill.com]; Deely, Sheila H.[sdeely@fmi.com]
From: Cobb, William
Sent: Thur 6/15/2017 3:35:43 AM
Subject: follow-up meeting on CERCLA108(b)

Mr. Jackson:

On behalf of Freeport-McMoRan, we appreciated the opportunity to meet with you on May 5, 2017, concerning EPA's Proposed Rule on Financial Responsibility for the Hardrock Mining Industry (CERCLA 108b). You may recall that at that meeting, we discussed key points in Freeport's written comments filed in the docket on that same date and provided you a hard copy of those comments. Our view is that EPA's proposed rule did not properly consider state programs governing hardrock mining, particularly mining on private lands, and significantly underestimated the economic impact of the rule on the hardrock mining industry. As we stated in that meeting, Freeport-McMoRan, a major U.S.-based company that is also the world's largest publicly traded copper mining company, updated its Risk Factor relating to this proposed rule in its Form 10-Q filed with the SEC for the first quarter 2017. In that update we indicated that it would be difficult, if not impossible, to obtain the level of financial assurance mandated under the proposed rule.

At the conclusion of our May 5 meeting you indicated that the agency would be interested in further understanding the demonstrated evidence regarding regulation of hardrock mining by state programs. We will be filing additional comments on the proposed rule in early July and those comments will include extensive information on the state programs relevant to our operations (Arizona, New Mexico, and Colorado). We would like share those observations with you.

Last, we are ready to discuss the administrative process and the prior involvement of the D.C. Circuit Court, including the deadlines in the settlement agreement between EPA and environmental groups and the Court's approval of those deadlines, over the formal written objections made by Freeport to the Court.

We are available to meet during the week of July 17 (our preferred dates), on July 7, or during early August on a day convenient for you. We look forward to having a follow-up conversation

with you on this proposed rule that is financially material to our company

William Cobb

Vice President, Environmental Services & Sustainable Development

Freeport-McMoRan Inc.

333 N Central Ave

Phoenix, AZ 85004

602-366-7826

wcobb@fmi.com

To: Maisano, Frank[frank.maisano@bracewell.com]
From: Maisano, Frank
Sent: Mon 7/10/2017 6:15:42 PM
Subject: Jul 10 PRG Energy Update: Back in Town

Friends,

With the July 4th holiday passing, it means we had some great fireworks (especially in DC) and that the Tour de France is rolling in France. With 9 of 21 stages complete, the riders have reached the first rest day today with 4-time champ Chris Froome racing up the *Mont du Chat* yesterday to expand his lead in the yellow jersey. Lots of time and many mountains to still climb. You can watch all the action on NBCSN every day. It was also Super Saturday at Wimbledon with Federer, Murray, Nadal and Djokovic all looking strong on the men's side while Kerber, Halep, Wozniacki and Venus Williams (who has already advance today to the QF with a straight set win) have all advanced to the 4th round. The All-Star break for major League baseball also start today and not too soon for the World Champion Cubs who gave up 10 runs in the first inning in their game yesterday against the Pirates.

Interesting action at the G-20 with some limited focus on climate. On Saturday, G-20 nations reached a compromise on climate change that declared the Paris climate change agreement is "irreversible" and must be implemented "swiftly." The U.S., on the other hand, declared its intention to pull out and forced additional language in supporting fossil fuels alongside support for renewables. And as for the soon-expected grid study from DOE, we hear it won't likely be this week, but we are still keeping our eyes open for paper. And speaking of energy dominance, Platts Capitol Crude addresses the subject on this week's podcast with ClearView's Kevin Book, looking at whether it's hollow rhetoric and what it could mean for policy and markets going forward.

Congress returns this week to more action on healthcare. No expected action on the just re-introduced Senate Energy legislation but Sens Murkowski and Cantwell are hopeful that they will have something passed by August recess. There will be votes on nominations for NRC and EPA on Wednesday, as well as a House Resources hearing on oil and gas development. Also Wednesday, the full House Approps Committee marks up its Ag and Energy/Water budgets. Finally, tomorrow, the annual Congressional Renewable Energy and Energy Efficiency expo will be held in the Rayburn Foyer.

Off the hill, our friend Coral Davenport discusses the Paris Agreement at a forum at the Embassy of Croatia tomorrow evening and Wednesday the Women's Energy Network is hosting CFTC

Commissioner Sharon Bowen for a lunch and learn” event. And today, the EPA is holding a public hearing on methane regulation delays which should bring out the usual suspects on both sides if the debate.

Finally, Bracewell has brought on some new energy expertise in the civil Litigation arena by hiring David A. Super to lead our civil litigation practice in Washington, D.C. Super joins Bracewell from Baker Botts where he practiced for 27 years. Super as new head of civil litigation in DC is a first chair trial lawyer with fantastic experience acting for companies in the energy industry, including disputes with federal regulators on many energy and environmental issues.

I’m out for most of the week in Lancaster, PA, the home of USA Field Hockey, umpiring their National Championships. We are taking a quick break to road trip to Detroit for Metallica on Wednesday. Anyway, I will be fully connected, so feel free to call with questions.

Best,

Frank Maisano

(202) 828-5864

c. (202) 997-5932

FRANKLY SPOKEN

“AHRI encourages ratification of the Kigali Amendment, while also instituting the regulatory and tax reforms necessary to ensure predictability for manufacturers, distributors, and installers while providing incentives for consumers and businesses to replace their older, less efficient equipment with updated models. Taken together, these steps can bring about significant energy reduction and environmental benefits.”

AHRI’s Francis Dietz following a new report by the Institute for Governance & Sustainable

Development (IGSD) that reviews HCFC/HFC regulatory frameworks, energy efficiency standards, and labeling programs in 19 countries that account for roughly 65% of global AC demand.

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IN THE NEWS

New Study Highlights Quest for Improved AC Globally – The Institute for Governance & Sustainable Development (IGSD) in Washington, DC and Paris along with researchers at the U.S. Department of Energy’s Lawrence Berkeley National Laboratory released a report that addresses the hydrochlorofluorocarbons (HCFC) and hydrofluorocarbons regulatory frameworks, energy efficiency standards, and labeling programs in 19 countries that account for roughly 65% of global AC demand. The report, “Opportunities for Simultaneous Efficiency Improvement and Refrigerant Transition in Air Conditioning,” ranks the HFC transition as the single biggest climate mitigation opportunity available today.

AHRI Sees the Issue As Hugely Important – This is a hugely important transition that the HVAC industry has played a significant role in crafting with other stakeholders. As manufacturers of more than 90% of U.S. – and more than 70% of global – residential and commercial air conditioning and commercial refrigeration units, AHRI member companies are committed to producing more energy efficient products to help reduce global demand for energy, lower costs for consumers, and decrease greenhouse gas emissions. As the LBNL report indicates, there are many global opportunities to accomplish make significant progress on all those goals, beginning with ratification and implementation of the Kigali Amendment to the Montreal Protocol and continuing with efforts to simultaneously reduce the energy impact of AC and commercial refrigeration equipment while increasing its availability and affordability for consumers around the world. Also important are national and regional minimum energy performance standards backed by performance certification programs, such as the AHRI Certification Program, that help assure governments, businesses, and consumers of the accuracy of stated equipment efficiency.

What About Efficiency on Units though? – AHRI’s Francis Dietz adds current AC units are already super-efficient and in fact are nearing the technological limits of efficiency. The issue really is getting efficient units in the hands of consumers at prices they can afford. We can accomplish that gradually through MEPS, which is already being done all over the world, but to make bigger leaps through stronger tax incentives and rebate programs to induce people to change out their old equipment for newer, more efficient models.

DOE Releases Walk-In Freezer Rule – The Department of Energy is issuing the final rule for walk-in coolers and freezers, which was held up at DOE for months. It's set to publish in the *Federal Register* today. The rule, issued in December of 2016 by the outgoing Obama Administration was delayed with several others as part of a review by the new Trump Administration. AHRI said it understood why the new administration wanted to review the walk-in coolers and freezers rule before issuing it, but are pleased it is now being issued in the form that was agreed to in the ASRAC negotiations of which AHRI and Other key efficiency and environmental stakeholders played important roles. AHRI's Francis Dietz: "This is one less regulatory ball in the air for our industry and our members can now move forward in preparing for the rule's implementation."

Refiners Send Letter to Trump on Venezuela Crude, Potential Sanctions – Given the troubling political developments in Venezuela, the American Fuel & Petrochem Assn (AFPM) is sending a letter to President Trump and other key foreign policy advisors to highlight one critical consideration: a full or partial prohibition of Venezuelan crude imports. The refiners group says it could have a significant negative effect on U.S. refiners, consumers, and our nation's economy. AFPM Prez Chet Thompson: "Sanctions limiting U.S. imports of Venezuelan crude would disadvantage many U.S. refineries, particularly those in the Gulf Coast and East Coast regions, that have optimized to utilize sour crudes produced in Venezuela. Restricting the supply of crude could also impact the price that U.S. consumers and businesses pay for their fuel." I can forward letter if want to review.

ACI Releases Sustainability Report – The American Cleaning Institute's (ACI) released its 4th Sustainability Report, "Foundations for Transformation," showcases the steps the cleaning product supply chain is taking to address the industry's core material issues. The 2017 Report highlights the progress made by companies throughout the cleaning product supply chain to decrease the industry's environmental footprint over the last two years. Since its inception, ACI's Sustainability Metrics Program has been tracking industry performance in categories including energy, water, waste and climate change/greenhouse gases, to showcase where member companies are doing well, and to highlight the areas in need of attention. The 2017 Report highlights include a 23% reduction during cleaning product formulation since 2011, an increase in renewable energy use by 46% since 2011 and a 64% of the waste from product formulation being reused or recycled in 2015.

Unions Weigh In on E15 Expansion Legislation – Following a hearing recently on legislation to allow year-round sale of E15 percent, the United Steelworkers union sent a letter Thursday to all 100 senators arguing that the RFS needs a complete overhaul rather than the modification in Sen. Deb Fischer's bill. A mark-up is planned for later this month. Happy to forward letter if you need it.

Interior Pushes to Expand Drilling, Speed Permit Approvals – Interior Secretary Ryan Zinke on Thursday issued an order that instructs BLM to hold lease sales every quarter and establishes a 30-day approval time for oil and natural gas drilling permits. The approval time for a permit under the Obama administration was 257 days on average. Christopher Guith at the Chamber's Global Energy Institute said this is a much-needed change in U.S. policy, embracing America's energy abundance and diversity instead of policies that pushed us to depend more on imported energy and exported jobs. Guith: "The law has been pretty clear for a century--the Secretary of Interior is responsible for conducting quarterly lease sales on available BLM land and concluding the review process on an application for a permit to drill within 30 days. The previous administration decided to ignore these legal requirements to the detriment of U.S. energy security and western jobs. Secretary Zinke's re-commitment to following the law is a tremendous step towards harnessing America's status as a growing energy super-power."

ON THE SCHEDULE THIS WEEK

Wilson to Host Discussion on Religion, Climate in Small Island Nations – Today at 2:00 p.m., American University and the Wilson Center will host a forum exploring climate change as a basis for outreach and collaboration in the Caribbean and the Pacific and the added value religious voices might bring to this work. In the small island developing states (SIDS) of the Caribbean and the Pacific, faith-based leaders, community stakeholders, and national policymakers work together to address pressing concerns associated with climate change, such as ensuring livelihoods and sustainability in the face of sea-level rise and other threats. Ambassador to the United States and the Organization of American States for Barbados Selwin Hart will be among the speakers.

Congressional Renewable Expo Set – The 20th annual Congressional Renewable Energy and Energy Efficiency EXPO and Policy Forum will be held tomorrow from at 9:30 a.m. to 4:30 p.m. in Rayburn. Among the speakers will be Sen. Edward Markey and Rep. Paul Tonko.

NYT's Davenport to Discuss Paris at WFPG Forum – The Women's Foreign Policy Group will host a forum tomorrow at 6:00 p.m. at the Embassy of Croatia featuring our friend Coral Davenport of the *New York Times* to discuss President Trump's decision to withdraw from the Paris Climate Agreement. Coral NYT colleague Elisabeth Bumiller will moderate.

House Resources to Focus on Oil, Gas on OCS – The House Natural Resources Subcommittee on Energy and Mineral Resources will hold an oversight hearing on Wednesday focused on evaluating federal offshore oil and gas development on the outer continental shelf.

Senate Committee to Vote on Nominees – The Senate Environment Committee will hold votes at 9:45 a.m. Wednesday on nominees to the Nuclear Regulatory Commission, as well as EPA's top enforcement officials. EPW had originally slated the markup for the Wednesday before July 4th recess. NRC nominees Annie Caputo and David Wright, and EPA nominee Susan Parker Bodine are awaiting committee approvals.

Group to Release Smarter Grid Report – Former Trump transition team member and Alliance for

Innovation and Infrastructure Chairman Brigham McCown will hold a press call Wednesday at 10:00 p.m. to discuss the release of Alliance for Innovation and Infrastructure's latest policy analysis, "Building a smarter electric grid: How investing in smarter electricity will energize America."

House Appropos to Mark up Ag, Energy Budgets – The full House Appropriations Committee will meet at 10:30 a.m. to markup the FY2018 Agriculture Appropriations Bill and FY2018 Energy and Water Development Appropriations Bill. Later at 3:00 p.m., the House interior Funding panel will mark up the 2018 Interior budget.

Forum to Feature CFTC Commissioner – The Washington DC Chapter of the Women's Energy Network is hosting a [forum at BP](#) featuring U.S. Commodity Future Trading Commission Commissioner Sharon Y. Bowen. The "Lunch and Learn" even will feature Bowen discussing the day's most critical energy issues before the CFTC, as well as sharing her experiences as a trailblazing lawyer, business woman and public servant.

Wilson to Host China Coal Transition Forum – The Wilson Center will hold a [forum](#) on Wednesday at 2:00 p.m. to discuss China and its uncertain transition away from coal. Speakers at this China Environmental Forum (CEF) event will discuss the massive reforms that are lessening the pollution and carbon emissions from China's coal-fired power sector and the social and economic challenges. Melanie Hart (Center for America Progress) will speak on how China is transforming its coal sector to improve efficiency, reduce emissions, and reduce the nation's

dependence on coal. Hongxia Duan and Lucy Kitson of the International Institute for Sustainable Development (IISD) will discuss the opportunities and pitfalls of such a large-scale transformation in Shanxi and the lessons China can draw from countries that have undergone the economic and social transition away from coal. Lisa Abbott (Kentuckians for the Commonwealth) will close out the discussion bringing in a comparative discussion on how her group promotes energy diversification in the Appalachians that keeps communities strong.

Forum to Look at Ukraine Energy – The Atlantic Council will hold a forum on Wednesday at 2:30 p.m. on important energy reforms in Ukraine. The Atlantic Council's Dinu Patriciu Eurasia Center and Global Energy Center will bring together top energy experts and policymakers to discuss the status of the Ukrainian energy sector in a series of thematic panels. The discussion will begin with a talk on the state of the hydrocarbon industry and will segue to an exchange on the development, challenges, and way forward for the electricity, coal and nuclear sectors in Ukraine. Among the speakers will be DOE's David Mohler.

Clean Energy Webinar Will Discuss Grid Report – On Thursday at 10:00 a.m., the Analysis Group's Susan Tierney and Paul Hibbard will present findings from their report on market forces driving our changing electric power system, commissioned by Advanced Energy Economy (AEE) and AWEA. The report was submitted to DOE to inform the Department's upcoming review of grid issues.

IN THE FUTURE

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RFF to host Webinar On Cali Cap/Trade – Resources for the Future and other experts will hold an interactive online panel discussion on Tuesday July 18th looking at the proposed changes to California's cap-and-trade program, potential implications for the state's carbon market, and the potential effects on linkage with the programs in Quebec, Ontario, and other jurisdictions that might consider linkage in the future. Speakers include RFF's Dallas Burtraw, James Bushnell of UCal-Davis, Stewart Elgie of the uOttawa Institute of the Environment, Jan Mazurek of the ClimateWorks Foundation Duke Nicholas Institute expert Brian Murray and Dave Sawyer of EnviroEconomics.

WCEE to Host Sustainable City Event – Next Tuesday at Noon, the Women's Council on Energy and the Environment (WCEE) will host a forum with National Geographic's Senior

Manager of Sustainability, Susan Kolodziejczyk. Kolodziejczyk will present an interactive exploration of the intersection of urbanization and sustainability, what that means in terms of society's choices and priorities, and examples of successful, innovative city solutions around the world

Webinar to Focus on NJ Solar Issues – Utility Dive is hosting a webinar on Tuesday July 18th at 2:00 p.m. focused on the PSE&G approach to proactively studying and accommodating the impacts of DER on the PSE&G system. NJ is experiencing some of the strongest solar PV growth in the U.S. NJ-based Public Service Electric and Gas (PSE&G) takes an active role in understanding feeder and substation capacity to accommodate solar PV, and to avoid negative impacts to grid reliability, voltages, thermal capacity, flicker and more. The webinar will cover PSE&G's method to study and accommodate the impacts of DER, in collaboration with Siemens PTI. An overview of the study and its methodologies and the distribution system at PSE&G, available DERs, challenges, the need for the study and the results. Speakers include PSE&G's Ahmed Mousa and Siemens PTI's Hugo Bashualdo.

AGA to Discuss NatGas Supply – The American Gas Association (AGA) and the Potential Gas Committee (PGC) will hold a press conference on Wednesday, July 19 at 9:30 AM EDT, to release the major findings of the PGC's year-end 2016 biennial report: *Potential Supply of Natural Gas in the United States*. The report is expected to reveal that domestic estimates of undiscovered natural gas resources continue to grow, due largely to the existence of technologies that continue to unlock energy resources from shale and other producing formations. Alexei V. Milkov, director of the Potential Gas Agency, Colorado School of Mines and AGA's Chris McGill will speak.

Forum to Look at RFS – CSIS will host an update on the U.S. Renewable Fuel Standard on Wednesday July 19th at 10:00 a.m. The event will feature Harvard's James Stock and our friend Kevin Book of ClearView, a Senior Associate of the CSIS Energy & National Security Program.

Cramer to Headline Forum on Innovation – Microsoft and the Center for Climate and Energy Solutions (C2ES) will hold a conversation on Wednesday July 19th looking at clean innovation and why it makes business sense. The discussion will bring together stakeholders from industry, government and civil society to discuss the business drivers for innovation in clean energy and low-carbon technologies across a broad range of industries. Keynoter will be Rep Kevin Cramer, while a panel lead by Bob Perciasepe, will explore the business drivers and challenges associated with clean innovation across multiple sectors and geographies. These issues include growing customer demand, competitiveness concerns, cost pressures, efficiency gains and enhanced performance.

Forum to Feature BP's Finley on Energy Report – The US Association for Energy Economics, National Capital Area Chapter (NCAC-USAE) will host BP's Mark Finley for its July luncheon on Friday July 21st at the Chinatown Garden. Finley will present the just-released 2017 BP Statistical Review of World Energy.

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Grid Evolution Summit Set – The Grid Evolution Summit is set for July 25th through 27th at the Washington Hilton. The event, sponsored by the Smart Electric Power Alliance, will be a conversation of industry stakeholders that will determine how the electric sector evolves, modernizes the grid and better integrates distributed energy resources. Speakers will include Rep Paul Tonko, House Energy Committee Counsels Rick Kessler and Tom Hassenboehler, PSE&G Renewable VP Courtney McCormick, Xcel's Doug Benvento DOE's Eric Lightner, Maryland PSC Chair Kevin Hughes, Kit Carson Electric Co-op CEO Luis Reyes and Utility Dive Editor Gavin Bade.

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CSIS to Look at NAFTA Energy Issues – On Wednesday July 26th at 10:00 a.m., CSIS will hold a forum on renegotiating NAFTA, looking at energy challenges and opportunities. The event will feature CSIS experts Dave Pumphrey and Scott Miller.

Community Solar Forum Set for Denver – The Coalition for Community Solar Access will host the first annual National Community Solar Summit in Denver on July 26 – 28. A few highlights for Denver include energy company CEOs including Tom Matzzie of CleanChoice Energy, Jesse Grossman of Soltage, Zaid Ashai of Nexamp, Rick Hunter of Microgrid Energy and Steph Spiers of Solstice. Other speakers include energy company leaders Hannah Masterjohn of Clean Energy Collective, Dan Hendrick of NRG Energy, Adam Altenhofen of US Bank, Adam Capage of 3 Degrees and Lori Singleton of Salt River Project.

FRANK MAISANO

Partner

Ext. 5864

Policy Resolution Group

To: Jackson, Ryan[jackson.ryan@epa.gov]
From: Wehrum, William L.
Sent: Mon 8/28/2017 4:36:37 PM
Subject: RE: It's your friendly neighborhood ethics official
[img-8280833-0001-c.pdf](#)

Ryan – Here's the signed letter.

From: Fugh, Justina [mailto:Fugh.Justina@epa.gov]
Sent: Thursday, August 24, 2017 2:39 PM
To: Wehrum, William L.
Subject: It's your friendly neighborhood ethics official

Hi Bill,

I just heard from the Office of Government Ethics that they heard from the White House that we may be able to move forward on your ethics agreement. What I understand is

Deliberative Process Privilege/Ex. 5

Deliberative Process Privilege/Ex. 5 If it is, then please sign and return the revised ethics agreement.

I also updated your financial disclosure report in INTEGRITY.

Deliberative Process Privilege/Ex. 5

Deliberative Process Privilege/Ex. 5

Deliberative Process Privilege/Ex. 5. You can make that change yourself in INTEGRITY or you can just tell me and I'll make the change for you.

I hope you've been able to enjoy the summer and the relatively mild weather today.

Best,

Justina

Justina Fugh | Senior Counsel for Ethics | Office of General Counsel | US EPA | Mail Code 2311A | Room 4308
North, William Jefferson Clinton Federal Building | Washington, DC 20460 (for ground deliveries, use 20004 for the
zip code) | phone 202-564-1786 | fax 202-564-1772

To: Jackson, Ryan[jackson.ryan@epa.gov]
From: Harlow, David
Sent: Mon 8/28/2017 4:27:09 PM
Subject: Meeting

Ryan,

I'm sorry we weren't able to touch base this morning, but I can certainly appreciate that you must have your hands full dealing with the aftermath of the hurricane. The pictures I've been seeing of Houston are extraordinary.

I would have waited a bit longer at EPA HQ (I ended up leaving about 10:20 a.m.), but I was thinking that perhaps you had emailed me this morning and canceled/postponed. As it happens, I got up a bit earlier than usual and drove directly to EPA HQ, not stopping by my office, and so wasn't in a position to easily check any emails I might have received. In any case, no harm done. And, again, I know you've got more pressing matters on your plate at the moment.

I would still very much like to meet, when it would be convenient for you, be that later this week or whenever. Rather than try to catch me in my office, or on my cell phone, please feel to contact me at this email address when time and your schedule permits.

Thank you.

David Harlow

To: Maisano, Frank[frank.maisano@bracewell.com]
From: Maisano, Frank
Sent: Mon 6/12/2017 5:52:25 PM
Subject: Jun 12 PRG Energy Update: Budgets, Ethanol, Events

Friends,

Another exciting weekend with a \$450 million POWERBALL winner (not me), Pittsburgh winning the Stanley Cup for the second straight year and scoring a winner in the Belmont. While I had the Win/Place order reversed, I still won a \$5 *Exacta* (which paid out \$115) on Saturday as *Tapwrit* outdueled *Irish War Cry* to take the third jewel of the Triple Crown, following in the footsteps of his sire *Tapit*. Of course, my *trifecta* was snake-bitten by *Lookin At Lee* for the third straight race as this time I had him in the box and he faded badly (Yes, I left him out of the Derby/Preakness boxes and should have known this would happen). Anyway, at least I didn't lose money this week finishing slightly ahead. Finally, tonight, Golden State goes for the clinch tonight at home and golf's US Open starts on Thursday at Erin Hills in Wisconsin.

It is a very busy week in DC, starting tomorrow with the rescheduled confirmation hearing at Senate EPW for NRC Commissioners and EPA enforcement head Susan Bodine. They are expected to vote Thursday to move NRC Chair Kristine Svinicki to fast-track her approval before the June 30 expiration of her current term. We also expect a vote on FERC nominees soon as well (before July 4th recess). Senate Energy canceled its permitting hearing slated for tomorrow. On Wednesday, Senate EPW tackles the RVP ethanol issue (even as rumors continue that RVOs will soon be released by EPA) and Senate Commerce looks at automated vehicle technology and hurdles for testing and deployment in the US.

The budget process launches in earnest this week after a few hearings last week. This week there are 18 hearings highlighted by a visit by Scott Pruitt to House Interior/Enviro Approps on Thursday. Secretary of State Tillerson will appear at Senate Foreign Relations tomorrow and Ag Secretary Perdue is at Senate Ag tomorrow afternoon. Secretary Chao make two separate visits to the Senate and House Transportation committees.

Off the Hill, EEI gathers in Boston today through Wednesday for its annual conference, while BP launches its annual Energy Statistics review tomorrow and will discuss it in a couple of events on Thursday. For the future, Secretary Moniz returns to Press Club next Wednesday to discuss energy innovation (I'm hosting him for an NPC newsmaker event), Statoil's Annual Energy perspectives report is next week as well and EIA's annual Energy Conference is right around the corner, too.

I also thought you might find Amy Harder's latest Harder Line column interesting since it looks at the importance of accurate media coverage of climate change, a topic near and dear to many of all our discussions over the years and one she is taking up at today's Citizens Climate Lobby conference here in DC. And keep your eye peeled for the Business Council for Sustainable Energy weighing into energy/environment budget debate soon.

Finally, the FireFly Music Festival starts on Thursday in Delaware and carries through four days of music. This is my wife's favorite event, so when she heads out Thursday, my kids and I will be living large, eating as much great carry-out (KFC Buckets and Ledo Pizza are on the agenda) as possible, watching movies late into the night and listening to loud music in the House. Now that's livin'. Which reminds, on Friday, I'm hosting Newt Gingrich for a National Press Club event about his new book: Understanding Trump. It should be insightful, so please attend or pass on to your many colleagues covering the political angles...

Call with questions...

Best,

Frank Maisano

(202) 828-5864

c. (202) 997-5932

FRANKLY SPOKEN

"The successful development of new energy technologies – and the jobs they create – depends on effective partnerships between public and private sectors. A significant component of those partnerships is the proper alignment of investments along the technology development process. Leveraging its expertise, the private sector has invested billions of dollars to commercialize new energy investments. Critical to this process is the feedstock supplied by

federal investments, especially in the early-stage and high-risk research.”

A Letter from 14 CEOs, including major Corporations like Southern, Air Liquide and DuPont, as well as Chamber CEO Tom Donahue, urging Congressional appropriators to support funding for energy innovation programs. The letter was sponsored by the Bipartisan Policy Center's American Energy Innovation Council.

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IN THE NEWS

CEOs Urge Congress to Protect Energy Innovation – Late last week, the Bipartisan Policy Center's American Energy Innovation Council sent a letter to Congress urging their support for the Advanced Research Projects Agency-Energy and research and development programs to ensure that the United States maintains its competitive edge. In a letter, 14 energy and economic heavy hitters, including Southern CEO Tom Fanning, Air Liquide CEO Mike Graff and Chamber of Commerce head Tom Donahue said early federal research helped develop hydraulic fracturing technologies as one example of why the private sector alone can't fund critical innovation in energy. Other signers include Lockheed's Norn Augustine, Exelon's Chris Crane, Shell's Bruce Culpepper, former Commerce official John Doerr, Pioneer's Tim Dove, PG&E's Anthony Early, Clean Line CEO Michael Skelly, former DuPont CEO Chad Holliday, NEI's Maria Korsnick, AGA's Dave McCurdy and David Holt of the Consumer Energy Alliance. I can send PDF if you need it.

New Research Initiative to Update, Improve Social Cost of Carbon – Resources for the Future (RFF) is launching a multi-year, multidisciplinary research initiative to improve the methodology used to calculate the social cost of carbon—an economic tool used to quantify both the benefits to society of reducing carbon dioxide emissions from the atmosphere and the harm to society from emitting more carbon dioxide. The social cost of carbon informs billions of dollars of policy and investment decisions in the United States and abroad—making it critical that estimates of the measure are transparent and based on the best available science and methodology. The following few examples highlight use of the social cost of carbon across several jurisdictions. Along these lines, RFF's new initiative will support and inform policy design choices and evaluations of actions that affect climate change by decisionmakers and analysts worldwide.

Platts Cap Crude to Look at Paris, Oil Exports – The current edition of Platts Capitol Crude will look at whether President Trump's decision to pull the US out of the Paris climate